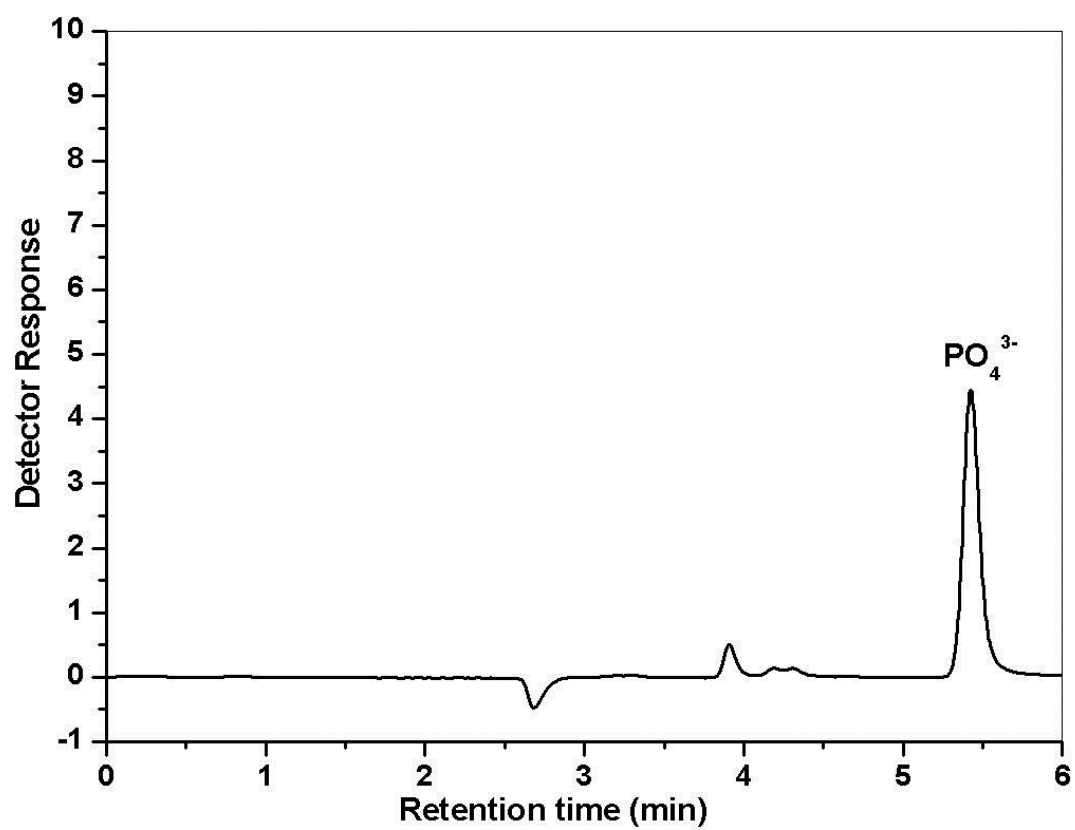


Supplementary information

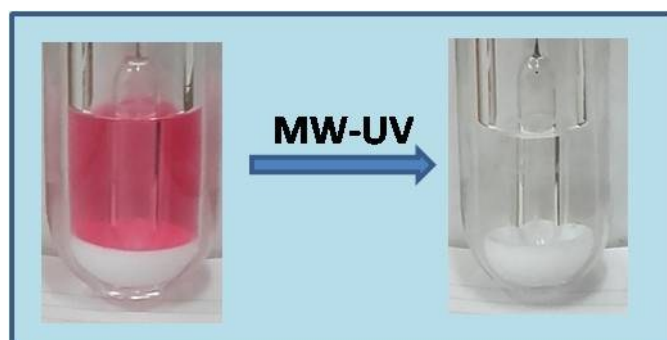
MS Title: Traceable quantitation of Cyano-cobalmin (Vitamin B₁₂) via measurement of cobalt and phosphorus: a comparative assessment by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) and Ion Chromatography (IC).



Supplementary figure 1: A unit arrangement of quartz digestion vessel along with UV-lamps.



Supplementary figure 2: Chromatogram showing level of phosphate present in H_2O_2 blank.



Supplementary figure 3: The photograph of digestion mixture before and after microwave assisted UV photo-digestion showing efficacy of mineralization.